

Voltage Detector

Instruction Sheet

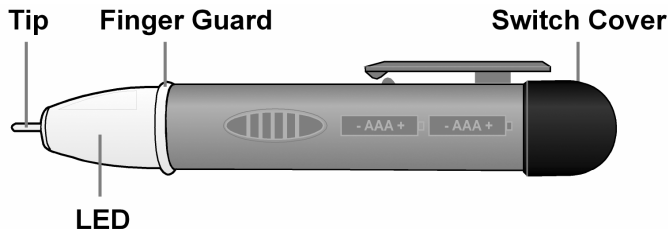
INTRODUCTION

This unit is a non-contact AC voltage detector for detecting 70 - 1000V ac voltage. When it detects ac voltage, the LED will flash and the built-in buzzer will sound beeps.

Features

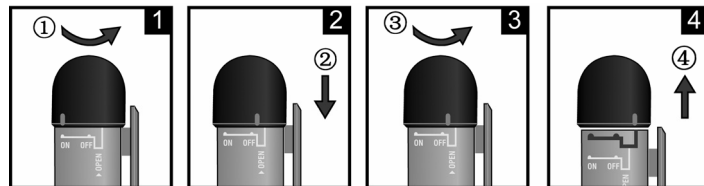
1. You can use this unit to check whether a cable or wire contains ac voltage, or use it to locate breakpoint on a live line.
2. Safe, non-contact ac voltage detection
3. The LED flashes and the built-in buzzer sounds beeps when the unit detects ac voltage.
4. Voltage range: 70 - 1000V ac, at 50Hz/60Hz

STRUCTURE



INSTALLING BATTERY

1. Turn the switch cover counterclockwise to the end, then press and hold down the switch cover and turn it counterclockwise to the end, remove the switch cover from the unit.



2. Install two new batteries (1.5V, AAA or equivalent) into the battery compartment in the direction specified on the unit's case.
3. Reinstall the switch cover by using the reverse procedure of step1. Adjust the switch cover to the **OFF** position.

OPERATING INSTRUCTION

1. Checking the Unit

- a. Turn the switch cover from the **OFF** position to the **ON** position to turn on the unit.
- b. Move the tip of the unit close to a known power source, such as a standard AC outlet. If the LED flashes and the buzzer sounds beeps, the unit is good and can be used.

2. Detecting AC Voltage

- a. Turn the switch cover from the **OFF** position to the **ON** position to turn on the unit.

- b. Move the tip of the unit close to the cable or socket to be tested. When the unit detects ac voltage, the LED will flash and the buzzer will sound beeps. (**Note:** Make sure that the tip of the unit is close enough to the cable or socket under test.)

NOTE

1. The unit can only be used to detect ac voltage, its detection range is: about 70V ac – 1000V ac, at 50Hz/60Hz.
Don't use the unit to detect a voltage below 70V ac or above 1000V ac; otherwise the unit may not give correct indication and thus electric shock may occur.
2. If there are several lines, such as 2-phase wires or 3-phase wires, separate them far enough apart from each other and perform voltage detection on each line.
3. Don't not use the unit if it operates abnormally or if it is damaged.
4. Don't not use the unit if the unit or your hand is wet.
5. Shielded live conductor will not be detected.
6. Keep your hand behind the finger guard on the unit when using the unit.
Do not touch any naked conductor with your hand or skin.
7. Always check the unit on a known power source before and after each detection.
8. Never dismantle the unit or tamper with the circuit.

SPECIFICATION

Operating Environment: Temperature: 0°C – 40°C;
Relative humidity: < 85%;
Indoor use

Voltage Detecting Range: 70V ac – 1000V ac

Frequency Range: 50Hz/60Hz

Safety Category: CAT III 1000V

IP Degree: IP20

Battery: 1.5V battery, AAA or equivalent, 2 pieces

Size: 152×27×23.5mm

Weight: About 39g (including battery)

DECLARATION

1. This Instructions Sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this Instructions Sheet can not be used as the reason to use the unit for any special application.

DISPOSAL OF THIS ARTICLE

Dear Customer,

If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.

Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

